

FILTER

Model: 203 AXB2P3

P/N 124450000

Combined filter with standard thread connector to **EN 148-1** for organic vapours having boiling point lower than 65 °C, inorganic gases and vapours and dusts, fumes, mists.

The filter can be used with full face masks type **TR 82**, **TR 2002 CL2** and **TR 2002 CL3** or equivalent, provided that they are fitted with EN 148-1 connector.



TECHNICAL DATA

Breathing resistance

at 30 l/min: 2.4 mbar

at 95 l/min: 8.8 mbar

Duration at gases

Filter type	Class	Test Gas	Test Concentration (PPM)	Test Flow (l/min)	Testing H.R. (%)	Breakthrough concentration (PPM)	Duration Required (min)	Duration Tested (min)
AX	/	CH ₃ OCH ₃	500	30	70	5	50	82
		C ₄ H ₁₀	2500	30	70	5	50	98

Filter type	Class	Test Gas	Test Concentration (PPM)	Test Flow (l/min)	Test H.R. (%)	Breakthrough concentration (PPM)	Duration Required (min)	Duration Tested (min)
B	2	Cl ₂	5000	30	70	0.5	20	54
		H ₂ S	5000	30	70	10	40	51
		HCN	5000	30	70	10	25	26

Particle filtration performance

Filter type	Class	Test flow	Aerosol (%)	Pen Max allowed (%)	Test 1 (%)	Test 2 (%)
P	3	95 l/min	NaCl	0.05	0.002	0.003
			Paraffin oil	0.05	0.006	0.004

Test 1: Maximum penetration till 120 mg aerosol exposition

Test 2: Penetration after 120 mg aerosol exposition and 24h storage

Limitations for use

Do not use in areas where the oxygen concentration is lower than 17% in volume nor in presence of gases different from those clearly indicated. Filter must be used only with full face mask (weight > 300 g). Filter is for single shift only.

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CLASSIFICATION

Filter complying with the provisions of Regulation (EU) **2016/425**, as III Category PPE.

Combined filter, class AXB2 for gas protection and particle filter class P3, according to **EN 14387:2021**.

Label colour code: brown, gray, white.

MARKING

CE 0426

MATERIALS

Housing: polypropylene

Filter Media: activated carbon and filter paper

STORAGE

Store at temperatures between -20 and +50°C and R.H. <80%.

CHARACTERISTICS

Weight: 400 g approx.

Diameter max: 106 mm approx.

Height incl. thread: 100 mm approx.

Connection: standard thread EN 148-1:2018

PACKING

The filter is sold in 1 piece box with dimensions 110 x 110 x 130 mm.

SHELF LIFE

Filters duly stored and in their original packaging will last five years from production. The expiry date is stamped onto the filter label and its packaging.

For more information please check the notes along with the products or the ones published on the website www.spasciani.com

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